

Substitute for form 1449A/PTO		Confirmation Number	4704
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 3		Application Number	10/731,258
		Filing Date	December 9, 2003
		First Named Inventor	James M. Peck
		Group Art Unit	1791
		Examiner Name	Mathieu Vargot
		Attorney Docket Number	VTN0632USNP

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
		3394717		Hollinger	07/30/1968	
		4129211		Clement et al.	12/12/1978	
		4858754		Wright et al.	8/22/1989	
		4949959		Sauber et al.	7/24/1990	
		5084393		Rogalsky, Alena	1/28/1992	
		5130011		Sage, Jr.	7/14/1992	
		5760100		Nicolson et al.	6/2/1998	
		5776999	B1	Nicolson et al.	11/21/2000	
		5789461	B1	Nicolson et al.	11/21/2000	
		5849811	B1	Nicolson et al.	11/14/2000	
		5972292		DeMeo, Gaetano	10/26/1999	
		6042230		Neadle et al.	3/28/2000	
		6050398		Wilde et al.	4/18/2000	
		6082533		Smith et al.	7/4/2000	
		6244430		Travis	6/12/2001	
		6286666		Umdasch, Stefan	9/1/2001	
		6318548	B1	Travis	11/20/2001	
		6398018	B1	Livesley et al.	6/4/2002	
		6474465	B1	Jux	11/5/2002	

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.37 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case.
 Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO		Confirmation Number	4704
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 3		Application Number	10/731,258
		Filing Date	December 9, 2003
		First Named Inventor	James M. Peck
		Group Art Unit	1791
		Examiner Name	Mathieu Vargot
		Attorney Docket Number	VTN0632USNP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
		6531432		Molock et al.	3/11/2003	
		7225919	B2	Hamilton	6/5/2007	
		2002/0046958	A1	Lipscomb et al.	4/25/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵				
		EP	604177	A2	Abrams, Richard	6/29/1994		
		WO	98/21995	A1	Lloyd, Davis, James	5/28/1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		TechBriefs www.brushwellman.com shows SPI-SPE finish number relative to RMS surface roughness measured in microns	

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.